

ABSTRACT OF THE DISCLOSURE

Disclosed is an optical waveguide device including an optical waveguide, and optical input and output ports for inputting and outputting an optical  
5 signal to and from the optical waveguide, characterized in that the optical input port receives an optical signal inputted from the optical output port to the optical waveguide in accordance with a timing control signal inputted as an electrical  
10 signal to the optical input port.